

2. California Coast.

D^r 4320 to D^r 4336.

Hy.

Mich. 7th to 10th, 1904.

2.

Dr. 4320 - Dr. 4336.

Next Hy. 4794

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr. 4320* Date *7 Mar. 04*Machine. *Sigsbee* Reel.Turns *50* Cor. + *5* Depth *55 fms.*~~Shot~~ or lead *36 lb*Bottom *fm. M.*

Bottom temperature

No. of thermometer *none* Cor.

Corrected temperature

Air *67* Surface *61* Drift *N 23° E*
6/10'

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

*11.10.15**13.00*

0

*11.00**12.00*

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

(P)

Sml. Vertical
*50 fms.**11.10 - 11.12**11 - 11**= 2 min.*

Off La Jolla -
 CS Signal, Saledadtil, Pt La Jolla -

	2500	S 43° E. 2 1/10'
	2600	
OK H. 100.	2700	SS #5100 -
	2800	
	2900	
	3000	
Clean and buoy.	3100	Let air from N.Y.V.
Bar. 29.94.	3200	Smooth Sea.
	3300	
	3400	
	3500	
	3600	
	3700	
4310 - 205	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Dr. 4321

Date

7 Mar.

Sigsbee Machine. Reel.

Turns

187

Cor. +

19

Depth

206 fm

Shot or lead

36 lb

Bottom

lk. M. dk green.

Bottom temperature

58.00

No. of thermometer

98242

Cor.

Corrected temperature

Air

67

Surface

61

Drift

None

Trawl or dredge

Vertical

Am. SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

11.24.10

32.40

0

26.00

31.30

100

27.20

11.30.00

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Let Alarms

down 55 fms

found 49.5

(P)

Big Vertical

100 fms out

11.24 -

11.32.00

11.28 =

8 min.

4 min.

Solehead Hill, S 34° E, 3' 10"

OK
M.D.
4

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

4310
187
4123
205
186
19
187
206

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	43.0	205		
50	42.5	186		
100		19		
200		187		
300		206		
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

7 Mar 09

Sigsbee Machine.

Reel.

Turns 185 Cor. +

18

Depth

203 fms

Shot or lead

36 lb

Bottom

Bottom temperature

45.0

No. of thermometer

98242

Cor.

Corrected temperature

Air

67

Surface

61

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

11.43.45

50.50

0

45.10

49.50

100

46.10

49.00

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

OK
JTD
J

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

4310 - 205
185 187
4125 18
185

203

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Temperatures only

No. _____ Date *Mar. 7-04*

Sigsbee Machine. Reel.

Turns *50* Cor. + *5* Depth *55 fms*

Shot or lead *35 lb*

Bottom _____

Bottom temperature *55 fms below surface* *49°*

No. of thermometer *98242* Cor. _____

Corrected temperature _____

Air *74°* Surface *61°* Drift _____

Trawl or dredge _____

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12.31.00</i>	<i>12.35.10</i>	0		
<i>12.31.45</i>	<i>12.34.45</i>	100		
		200		
<i>Temperature at 55 fms below surface</i>		300		
		400		<i>49.0°</i>
		500		
		600		
		700		
		800		
<i>49.0°</i>		900		
<i>pm</i>	<i>pm</i>	1000		
<i>12.49.40</i>	<i>12.54.00</i>	1100	<i>at 50 turns or 55 fms below surface</i>	
<i>50.25</i>	<i>53.25</i>	1200		
<i>Temperature 49.1°</i>		1300		<i>49.1°</i>
		1400		
<i>Ahead at 12.55 pm</i>		1500	<i>after 91 turns of reel or 100 fms below surface temperature is 48.0°</i>	
<i>pm</i>	<i>pm</i>	1600		
<i>1.13.12</i>	<i>1.19.00</i>	1700		
<i>1.14.40</i>	<i>1.17.40</i>	1800		
		1900		
<i>ahead 1.19.30</i>		2000		
<i>to reset dredge</i>		2100		
<i>2.43.31</i>		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
0				
10				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 4372 Date

Sigsbee Machine. Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

(014466), 634°E, 32/10'

	2500	
	2600	
1.170	2700	
1.170	2800	
	2900	
	3000	
	3100	
1.18	3200	
1.18	3300	
	3400	
	3500	
	3600	
	3700	
1.19	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

72°

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date *Mar 7, 1880*

Machine.

Reel.

Turns *176* Cor. + *16*Depth *176*Shot or lead *36 lbs*Bottom *gy. m.*

Bottom temperature

No. of thermometer *not used* Cor.

Corrected temperature

Air *44.8* Surface *61* Drift *f*

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

1.45.00 *1.56.00**1.57.10* *1.57.10*

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

41.5	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. ~~7107~~ Date *Mar 7 04**Sigsbee* Machine. Reel.Turns Cor. + *18* Depth *199*Shot or lead *35 lb*Bottom *gy. s. sh.*Bottom temperature *43.4°*No. of thermometer *98242* Cor.

Corrected temperature

Air *72°* Surface *63°* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

473	245	2500	
181	185	2600	
4723	18	2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
	15	3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *D4323* Date *June 10*
Sigsbee Machine. Reel.
 Turns *1* Cor. + *1* Depth *207*
 Shot or lead *1*
 Bottom *off green M*
 Bottom temperature
 No. of thermometer *1111* Cor.
 Corrected temperature *20.5*
 Air *20* Surface *20* Drift *210'*
 Trawl or dredge *1*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

205
 184
 206
 6104
 2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

HCO
 11

Light air from N, 16

Surface (P)

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date *Mar. 7. 1881**100*

Machine.

Reel.

Turns

Cor. +

19

Depth

212 fms~~Shot or lead~~*35 lb.*

Bottom

gy. M. G. K. S. /

Bottom temperature

No. of thermometer

not used

Cor.

Corrected temperature

Air

72°

Surface

3

Drift

~~Trawl or dredge~~

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*02.00**3.07.10**0**2.50**3.06.10**100**3.04.00**3.05.10**200**300**400**500**600**700**800**900**1000**1100**1200**1300**1400**1500**1600**1700**1800**1900**2000**2100**2200**2300**2400*

431	182	2500	
411	19	2600	
	143	2700	
	217	2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *5112* Date *June 7, 1882**Sigsbee* Machine. Reel.Turns *191* Cor. + *12* Depth *203*Shot or lead *35 lb*Bottom *gy. m.*Bottom temperature *45.8*No. of thermometer *98* Cor. *-0.2*

Corrected temperature

Air *73.0* Surface *63.0* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

21.00 *3.23.00**21.40* *3.25.00*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

265
187

4 /

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Anchorage off Pacific Beach.

No.

4324

Date

May 17, 1901

Machine.

Reel.

Turns

Cor. +

Depth

10 fms

Shot or lead 9 lbs.

Bottom

smooth sand (M)

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

69

Surface

63

Drift

none

Trawl or dredge

2 lead lines

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

From 5.20 p.m. to 6.00 p.m.

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

At 6.35 Rigged

electric light on

other side and used

3 dip nets.

Finished at 9.06 p.m.

At 7.35 hauled

out net. Net 15

bottom with green

Up at 7.40 p.m.

2 (71)

= 5 min.

Anchorage St. Pacific Coast.
 S. 24° E. 340'

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

Lat. 29.32
 Long. 124.71
 Smooth Sea
 Good weather

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 1504 Date 8 Nov 1881

Sigsbee Machine. Reel.

Turns 175 Cor. + 16 Depth 191 fms

Shot or lead 36 lb

Bottom gy. sh.

Bottom temperature 46.

No. of thermometer 98242 Cor.

Corrected temperature (78.69° F)

Air 65 Surface 62 Drift 1 1/10'

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

8.42.00 8.47.30

42.00 46.30

8.43.00 8.48.30

8.44.00 8.49.30

8.45.00 8.50.30

8.46.00 8.51.30

8.47.00 8.52.30

8.48.00 8.53.30

8.49.00 8.54.30

8.50.00 8.55.30

8.51.00 8.56.30

8.52.00 8.57.30

8.53.00 8.58.30

8.54.00 8.59.30

8.55.00 9.00.30

8.56.00 9.01.30

8.57.00 9.02.30

8.58.00 9.03.30

8.59.00 9.04.30

9.00.00 9.05.30

9.01.00 9.06.30

9.02.00 9.07.30

9.03.00 9.08.30

9.04.00 9.09.30

9.05.00 9.10.30

9.06.00 9.11.30

9.07.00 9.12.30

9.08.00 9.13.30

9.09.00 9.14.30

9.10.00 9.15.30

9.11.00 9.16.30

9.12.00 9.17.30

9.13.00 9.18.30

9.14.00 9.19.30

9.15.00 9.20.30

9.16.00 9.21.30

9.17.00 9.22.30

9.18.00 9.23.30

9.19.00 9.24.30

9.20.00 9.25.30

9.21.00 9.26.30

9.22.00 9.27.30

9.23.00 9.28.30

9.24.00 9.29.30

9.25.00 9.30.30

9.26.00 9.31.30

9.27.00 9.32.30

9.28.00 9.33.30

9.29.00 9.34.30

9.30.00 9.35.30

9.31.00 9.36.30

9.32.00 9.37.30

9.33.00 9.38.30

9.34.00 9.39.30

9.35.00 9.40.30

9.36.00 9.41.30

9.37.00 9.42.30

9.38.00 9.43.30

9.39.00 9.44.30

9.40.00 9.45.30

9.41.00 9.46.30

9.42.00 9.47.30

9.43.00 9.48.30

9.44.00 9.49.30

9.45.00 9.50.30

9.46.00 9.51.30

9.47.00 9.52.30

9.48.00 9.53.30

9.49.00 9.54.30

9.50.00 9.55.30

9.51.00 9.56.30

9.52.00 9.57.30

9.53.00 9.58.30

9.54.00 9.59.30

9.55.00 9.60.30

9.56.00 9.61.30

9.57.00 9.62.30

9.58.00 9.63.30

9.59.00 9.64.30

9.60.00 9.65.30

9.61.00 9.66.30

9.62.00 9.67.30

9.63.00 9.68.30

9.64.00 9.69.30

9.65.00 9.70.30

9.66.00 9.71.30

9.67.00 9.72.30

9.68.00 9.73.30

9.69.00 9.74.30

9.70.00 9.75.30

9.71.00 9.76.30

9.72.00 9.77.30

9.73.00 9.78.30

9.74.00 9.79.30

9.75.00 9.80.30

9.76.00 9.81.30

9.77.00 9.82.30

9.78.00 9.83.30

9.79.00 9.84.30

9.80.00 9.85.30

9.81.00 9.86.30

9.82.00 9.87.30

9.83.00 9.88.30

9.84.00 9.89.30

9.85.00 9.90.30

9.86.00 9.91.30

9.87.00 9.92.30

9.88.00 9.93.30

9.89.00 9.94.30

9.90.00 9.95.30

9.91.00 9.96.30

9.92.00 9.97.30

9.93.00 9.98.30

9.94.00 9.99.30

9.95.00 10.00.30

9.96.00 10.01.30

9.97.00 10.02.30

9.98.00 10.03.30

9.99.00 10.04.30

10.00.00 10.05.30

10.01.00 10.06.30

10.02.00 10.07.30

10.03.00 10.08.30

10.04.00 10.09.30

10.05.00 10.10.30

10.06.00 10.11.30

10.07.00 10.12.30

10.08.00 10.13.30

10.09.00 10.14.30

10.10.00 10.15.30

10.11.00 10.16.30

10.12.00 10.17.30

10.13.00 10.18.30

10.14.00 10.19.30

10.15.00 10.20.30

10.16.00 10.21.30

10.17.00 10.22.30

10.18.00 10.23.30

10.19.00 10.24.30

10.20.00 10.25.30

10.21.00 10.26.30

10.22.00 10.27.30

10.23.00 10.28.30

10.24.00 10.29.30

10.25.00 10.30.30

10.26.00 10.31.30

10.27.00 10.32.30

10.28.00 10.33.30

10.29.00 10.34.30

10.30.00 10.35.30

10.31.00 10.36.30

10.32.00 10.37.30

10.33.00 10.38.30

10.34.00 10.39.30

10.35.00 10.40.30

10.36.00 10.41.30

10.37.00 10.42.30

10.38.00 10.43.30

10.39.00 10.44.30

10.40.00 10.45.30

10.41.00 10.46.30

10.42.00 10.47.30

10.43.00 10.48.30

10.44.00 10.49.30

10.45.00 10.50.30

10.46.00 10.51.30

10.47.00 10.52.30

10.48.00 10.53.30

10.49.00 10.54.30

10.50.00 10.55.30

10.51.00 10.56.30

10.52.00 10.57.30

10.53.00 10.58.30

10.54.00 10.59.30

10.55.00 11.00.30

10.56.00 11.01.30

10.57.00 11.02.30

10.58.00 11.03.30

10.59.00 11.04.30

11.00.00 11.05.30

11.01.00 11.06.30

11.02.00 11.07.30

11.03.00 11.08.30

11.04.00 11.09.30

11.05.00 11.10.30

11.06.00 11.11.30

11.07.00 11.12.30

11.08.00 11.13.30

11.09.00 11.14.30

11.10.00 11.15.30

11.11.00 11.16.30

11.12.00 11.17.30

11.13.00 11.18.30

11.14.00 11.19.30

11.15.00 11.20.30

11.16.00 11.21.30

11.17.00 11.22.30

11.18.00 11.23.30

11.19.00 11.24.30

11.20.00 11.25.30

11.21.00 11.26.30

11.22.00 11.27.30

11.23.00 11.28.30

11.24.00 11.29.30

11.25.00 11.30.30

11.26.00 11.31.30

11.27.00 11.32.30

11.28.00 11.33.30

11.29.00 11.34.30

11.30.00 11.35.30

11.31.00 11.36.30

11.32.00 11.37.30

11.33.00 11.38.30

11.34.00 11.39.30

11.35.00 11.40.30

11.36.00 11.41.30

11.37.00 11.42.30

Shoal 413, SE., 4" 10'

173	173	2500	
174	174	2600	
175	175	2700	
176	176	2800	
177	177	2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. —

Date

8 Mar. 04.

Sigsbee Machine.

Reel.

Turns 250 Cor. + 25 Depth 275 fms.

Shot or lead 36 lb

Bottom fine gy

Bottom temperature —

No. of thermometer none Cor.

Corrected temperature —

Air 65 Surface 62 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

9.09.15 9.17.00

0.15 16.10

11.05 15.20

9.11.30 9.14.40

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

25	2500	
4000	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507.
1/16

No. Date 8/1/00
Sigsbee Machine. Reel.
 Turns 246 Cor. + 27 Depth 273 fms.
 Shot or lead 36 lb
 Bottom fine gy. S.
 Bottom temperature
 No. of thermometer Cor.
 Corrected temperature
 Air 65 Surface 62 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9. 29.00	9. 35.00	0		
30.00	34.10	100		
30.50	33.15	200		
9. 31.20	9. 32.30	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

1000	20.5	2500	
200	18.1	2600	
300	2.7	2700	
400	2.2	2800	
500	2.1	2900	
600		3000	
700		3100	
800		3200	
900		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
20				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS;

No. *E. 4325* Date *8*

Sigsbee Machine. Reel.

Turns *265* Cor. + *27* Depth *292 fms*

Shot or lead *36 lb*

Bottom *gn. M.*

Bottom temperature

No. of thermometer *98242* Cor.

Corrected temperature

Air *65* Surface *62* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>0.00.5</i>	<i>0.58.55</i>	0		
<i>12.00</i>		100		
<i>22.00</i>		200		
<i>32.00</i>	<i>0.46.10</i>	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. Date 8 Jan. 04
Sigsbee Machine. Reel.

Turns Cor. + Depth 100 fms
 Shot or lead 36 lb no bottom

Bottom

Bottom temperature 48

No. of thermometer 982 Cor.

Corrected temperature

Air 67 Surface 62 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>9.54.15</u>	<u>4.54.20</u>	0		
<u>52.20</u>	<u>52.40</u>	<u>71</u> 100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. —Date 8 Mar 07

Sigsbee Machine. Reel.

Turns Cor. +

Depth 510Shot or lead 36 lb

Bottom

Bottom temperature 51°No. of thermometer 98242 Cor.

Corrected temperature

Air 67 Surface 62 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

512
1700
2

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *4326* Date *Feb 11*

Machine. Reel.

Turns Cor. + Depth *280 fms*Shot or lead *35 lbs into*Bottom *fine sand*Bottom temperature *12.6*No. of thermometer Cor. *next*Corrected temperature *5.0*Air *67* Surface *62* Drift *10'*Trawl or dredge *none*

SOUNDING WIRE.		TURNS.	DREDGE ROPE	
DOWN.	UP.		DOWN.	UP.
10-06 0		0	10-06 5	
<i>See log 4326.</i>		100	10-20 0	
		200	10-34 0	
		300	10-48 0	
		400	11-02 0	
		500	11-16 0	
		600	11-30 0	
		700	11-44 0	
		800	11-58 0	
		900	12-12 0	
		1000	12-26 0	
		1100	12-40 0	
		1200	12-54 0	
		1300	13-08 0	
		1400	13-22 0	
		1500	13-36 0	
		1600	13-50 0	
		1700	14-04 0	
		1800	14-18 0	
		1900	14-32 0	
		2000	14-46 0	
		2100	15-00 0	
		2200	15-14 0	
		2300	15-28 0	
		2400	15-42 0	

Solomon Is., 380° E. 5 1/2'

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. Date 8 Mar 04
Sigsbee Machine. Reel.
 Turns 740 Cor. + Depth 1640
 Shot or lead 36 lb
 Bottom Sft. gn. M.
 Bottom temperature
 No. of thermometer Cor.
 Corrected temperature
 Air 67 Surface 62 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.28.40		0		
	27.50	100		
	27.00	200		
10.26.20		240		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

1310	205	2500
240	181	2600
4070	24	2700
50	240	2800
500	264	2900
		3000
		3100
		3200
		3300
		3400
		3500
		3600
		3700
	40	3800
	21	3900
		4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine. Reel.

Turns 219 Cor. + 22 Depth 241 fms.

Shot or lead 36 lb

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

10.27.15 12.42.00

0

33.00 12.15

100

37.00 12.00

200

10.39.10 12.00.00

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

42 10	205	2500	
214	183	2600	
407 1	22	2700	
00	217	2800	
500	241	2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

511226

Date

V. 1866. 130

Machine.

Reel.

Turns

Cor. +

22

Depth

Shot or lead

36 lb

Bottom

gn. sh.

Bottom temperature

44.0

No. of thermometer

98242

Cor.

Corrected temperature

Air

67

Surface

62

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
221	3700	
22	3800	
24.2	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *507* Date *5 May 1891**Sigsbee* Machine. Reel. *1*Turns *237* Cor. + *24* Depth *261*Shot or lead *36 lb*Bottom *sf. 5. 1/4*

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		<i>12.12.30</i>
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
<i>11.2</i>		1100		
		1200		
<i>11.50 - 12.00</i>		1300		
<i>8 min.</i>		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Planet Hill, S 54° E, 6³/₁₀'

4310	187	2500	
4311	187	2600	
4312	187	2700	
4313	187	2800	
4314	187	2900	
4315	187	3000	
4316	187	3100	
4317	187	3200	
4318	187	3300	
4319	187	3400	
4320	187	3500	
4321	187	3600	
4322	187	3700	
4323	187	3800	
4324	187	3900	
4325	187	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
15				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. Date 8 Mar. 04

Sigsbee Machine.

Reel.

Turns 272 Cor. + 27 Depth 299 fms.Shot or lead 36 lbBottom pt. gn. M.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 72 Surface 62 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

4210	205	2500	
575	178	2600	
4038	27	2700	
810	272	2800	
1000	299	2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *E 4327* Date *8**Sigsbee* Machine. Reel.Turns *300* Cor. + *30* Depth *330 fms*Shot or lead *36 lb*Bottom *sf, gy, M*Bottom temperature *43.5*No. of thermometer *98242* Cor.

Corrected temperature

Air *76°* Surface *62°* Drift*Trawl or dredge*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>11.55.10</i>	<i>12 03.20</i>	0		
<i>5.58</i>	<i>02.25</i>	100		
<i>16.40</i>	<i>01.30</i>	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

4310

2.5

42-12	265	2500	
300	175	2600	
4010	3	2700	
(1)	346	2800	
4010	350	2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. Dr 4328. Date Mar. 8.

Tanner Machine. Reel.

Turns 69 Cor. + 2 Depth 71 fm

Shot or lead 26 lbs

Bottom fine gy S

Bottom temperature see second page 49.5

No. of thermometer not used Cor.

Corrected temperature

Air 66° Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	0.15	
		100	19.30	
		196		
		200	21.30	
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Sol. d. a. d. r. l., S. 40° E., 1 $\frac{4}{10}$ ' 1

	2500	
	2600	
	2700	
	2800	
OK 100 25 85"	2900	
66°	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
in large and small floury Kelp	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507.

as preceding

No. _____

Date

Mar 8 1883

Tanner

Machine.

Reel.

Turns

64 Cor. +

2

Depth

66

~~Shot or lead.~~

26 lbs

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

66°

Surface

52°

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

No.	SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
	DOWN.	UP.		DOWN.	UP.
			0		
2. 21. 30			100		
			200		
			300		
			400		
			500		
			600		
			700		
			800		
			900		
			1000		
			1100		
			1200		
			1300		
			1400		
			1500		
			1600		
			1700		
			1800		
			1900		
			2000		
			2100		
			2200		
			2300		
			2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *F 4328* Date *March 8, 1911**Tanner* Machine. Reel.Turns *56* Cor. + *1* Depth *57 fms*Shot or lead *26 lb*Bottom *gn M*Bottom temperature *49.5°*No. of thermometer *98242* Cor.

Corrected temperature

Air *66°* Surface *62* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE

DOWN.

UP.

TURNS.

DOWN.

UP.

2, 25.00 *2, 29.30* *0**25.40* *2, 27.10* *100*

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr 4307* Date

8, 04.

Machine. Machine. Reel.Turns *126* Cor. + *2* Depth *128 f*Shot or lead *26 lbs.*Bottom *gy. S & M mud*

Bottom temperature

No. of thermometer *not used* Cor.

Corrected temperature

Air *20* SurfaceDrift *(X) 48° 1'*
260'

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	2. 31. 00	3. 08. 00
		100	2. 45. 00	3. 02. 00
		200	3. 00. 00	2. 56. 00
		300		
		400		
		500	Lapping, occasional strain, occasional retardation.	
		600		
		700		
		800		
		900		
		1000	Not used.	
		1100		
		1200	Lapping, in part, not tang. mechanical	
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Solomon Sea, S 38° 30' E. 1 1/10'

497.2	4	2500
126	2	2600
34.6	2	2700
618	126	2800
1158	128	2900
		3000
		3100
		3200
		3300
		3400
		3500
		3600
		3700
		3800
		3900
		4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *E 4329* Date *March*
Sigsbee Machine. Reel.
 Turns *102* Cor. + *10* Depth *112*
 Shot or lead *35*
 Bottom *dk gy. M*
 Bottom temperature
 No. of thermometer *not used* Cor.
 Corrected temperature
 Air *66°* Surface *62°* Drift
 Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6 32.0 2 55.5

0

6 52.0 2 53.10

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *1* Date *1886*
Tanner Machine. Reel.
 Turns *54* Cor. + *1* Depth *55 fms.*
~~Shot~~ or lead *26 #*
 Bottom *lt. gn. S*
 Bottom temperature
 No. of thermometer *—* Cor.
 Corrected temperature *—*
 Air *—* Surface *58* Drift *N 86° W*
4 1/2'
 Trawl or dredge *—*

7.12 SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*Heavy strains, then
 "girdling" & the mark.
 for accumulation*

10° 20' 00" N
10° 10' 00" E

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
0				
10				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *471*Date *March 9**Tanner* Machine. Reel. *1*Turns *56* Cor. + *1* DepthShot or lead *26 lb*Bottom *lt. m. S*

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air *56* Surface *54* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr 4231*. Date *9/1/09**Sigsbee* Machine. Reel.Turns *56* Cor. + *1* Depth *57*Shot or lead *26*Bottom *lt. gn. S. R.*

Bottom temperature

No. of thermometer *1* Cor.

Corrected temperature

Air *58.4°* Surface *59* Drift *1 5/10'*

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

St. Louis Light, N 200 20' 5, 11!

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. _____ Date _____

Tanner Machine. Reel.

Turns 55 Cor. + 1 Depth 56

Shot or lead 26 lb

Bottom gy S. bk. sh. Lk. bl S.

Bottom temperature

No. of thermometer _____ Cor. _____

Corrected temperature

Air 65 Surface 57 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
21.20.30	22.00	0		
21.10	21.15	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *L 4351* Date *17**Tanner* Machine. Reel.Turns *57* Cor. + DepthShot or lead *26*

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air *65* Surface Drift~~Trawl or dredge~~

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9.26</i>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
75				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 1132 Date 1901

Tanner Machine. Reel.

Turns 61 Cor. + 1 Depth 62

Shot or lead 26 lb

Bottom fine s.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

07 June 1911, N 23° E. 11 3/10'

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. Date 9/11/9
Tanner Machine. Reel.

Turns 95 Cor. + 2 Depth

Shot or lead 3

Bottom fine

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 69° Surface 59° Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *4332*, Date *7/1/02*

Machine. Reel.

Turns *180* Cor. + *3* Depth *183 fms.*Shot or lead *26 lb*Bottom *fy gy. & blk Sp.*

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *69* Surface *5* Drift

Trawl or dredge.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr. 4333* Date *7/1/04*

Sigsbee Machine. Reel.

Turns *274* Cor. + *27* Depth *301 fms*Shot or lead *36 lb*Bottom *sn. fl.*

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air Surface

Drift

*184° 31'**1° 10'*Trawl or dredge *S*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

10.22.30

100

200

300

400

500

600

11.07.40

700

30 min

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Vertical log.

St. Louis Light, N 27° E, 12 3/4'

2500	
2600	
2700	
2800	
2900	
3000	
3100	
3200	
3300	
3400	
3500	
3600	
3700	
3800	
3900	
4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

9 May 04

Machine.

Reel.

Turns 4375 Cor. + 3

Depth 442

~~Shot or lead~~ 36 lb

Bottom

Bottom temperature

No. of thermometer 985

Cor.

Corrected temperature

Air

Surface

Drift

~~Trawl or dredge~~

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

10.42.00 10.52.40

0

10.50

100

10.43.40

200

10.41

300

10.40

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

12312		2500	
OK		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
4310	205	3700	
375	168	3800	
3925	37	3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. E 4333 Date 9 Mar. 04.

Machine. Reel.

Turns Cor. + 2 Depth 87Shot or lead 36 lbBottom gy. m. s. (1 m.)Bottom temperature 40.1No. of thermometer 98242 Cor.Corrected temperature +Air 09 Surface 57 Drift

Trawl or dredge

SOUNDING WIRE.		TIME.	DREDGE ROPE	
DOWN.	UP.		DOWN.	UP.
<u>11.10.00</u>	<u>11.21.55</u>	0		
<u>10.55</u>	<u>20.55</u>	100		
<u>10.30</u>	<u>20.00</u>	200		
<u>12.20</u>	<u>19.55</u>	300		
<u>13.20</u>	<u>17.50</u>	400		
<u>14.00</u>	<u>16.00</u>	500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

4210	265	2500	
445	163	2600	
3365	42	2700	
	445	2800	
	297	2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine.

Reel.

Turns

182

Cor. +

18

Depth

Shot or lead

Bottom

Bottom temperature

5.5

and

48.8

No. of thermometer

Cor.

Corrected temperature

Air

64

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *D-4-3-54* Date*Sigsbee* Machine. Reel.Turns *480* Cor. + *45* Depth *525* fmsShot or lead *36 lbs*Bottom *gn M.*

Bottom temperature

No. of thermometer *not used* Cor.

Corrected temperature

Air *65°* Surface *60°* Drift *8/10'*Trawl or dredge *2' 4' m. dredge*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Vertical Net

It was Light, N 30° 30' E., 13 ¹/₁₀.

10	2500	
11	2600	
12	2700	
OK	2800	
1100	2900	
Bar 29.	3000	
71	3100	
at 64	3200	
Fair pleasant,	3300	
South force 1	3400	
Small Rain	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *1*Date *May*Machine. *Sigsbee*

Reel.

Turns *46* Cor. +Depth *541*Shot or lead *36 lbs*Bottom *gn m*

Bottom temperature

No. of thermometer *not used* Cor.

Corrected temperature

Air *65°* Surface *60°* Drift

Trawl or dredge

SOUNDING WIRE		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>50.00</i>	<i>1. 51.20</i>	0		
<i>41.50</i>	<i>1. 50.50</i>	100		
<i>4</i>	<i>1. 49.50</i>	200		
<i>43.15</i>	<i>1.</i>	300		
<i>41.10</i>	<i>1. 46.50</i>	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

4315	159	2500	
445	159	2600	
3815	46	2700	
00	295	2800	
00	241	2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *34* Date *Mar**Sigsbee* Machine. Reel.Turns *470* Cor. + *44* Depth *514* fms.

Shot or lead

Bottom *40° Sandstone*Bottom temperature *71.2*No. of thermometer *985* Cor.

Corrected temperature

Air *65°* Surface *65* Drift

Trawl or dredge

SOUNDING WIRE *fm*

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

2 04. 00

0

05. 00

100

*06. 00**13. 00*

200

07. 00

300

*08. 00**2 11. 00*

400

470
~~500~~

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

4510	405	2500	
4515	161	2600	
3860	60	2700	
4510	4510	2800	
4510	510	2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr 112 35* Date *Mar*
Fig Machine. Reel.
 Turns *457* Cor. + *43* Depth *500 fms.*
 Shot or lead *36 lbs*
 Bottom *gn M fm*
 Bottom temperature
 No. of thermometer Cor.
 Corrected temperature *(58.3°)*
 Air Surface Drift *1.0*
 Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

9. 46 (see next page)

Time used
"Closing Net"

2. 40

covered in 5 min.
twisted red
Boat fms
Message
to Reel

0

100

200

300

400

500

600

700

750

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2. 41.30

2. 42.30

2. 43.30

2. 51.30

2. 55.30

2. 58.30

3. 0.30

2. 41.30

2. 42.30

Time

going down 25 min.

or 13 = 20 min 100 fms

Round trip

down 30 min.

St. Louis Light, N 34° E. 14' 10".

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. Date Nov. 4Machine. Reel. 1Turns 457 Cor. + 43 Depth 500Shot or lead 36 lbsBottom gn M

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 66° Surface 60° Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

4310	205	2500
457	165	2600
3850	43	2700
616	457	2800
1120	500	2900
		3000
		3100
		3200
		3300
		3400
		3500
		3600
		3700
		3800
		3900
		4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507.

No. Date Mar 9th 1884

Sigsbee Machine. Reel.

Turns 405 Cor. + 45 Depth 530

Shot or lead 36 lbs.

Bottom fine gy S

Bottom temperature

No. of thermometer not used Cor.

Corrected temperature

Air 64.0 Surface 61.0 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2. 2. 50	3. 27. 30	0		
1. 1. 40	25. 00	100		
1. 1. 30	23. 50	200		
1. 1. 20		300		
1. 1. 10	20. 15	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

4710	25	2500	
400	160	2600	
3825	08	2700	
01	400	2800	
00	520	2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *E 4335* Date *Mar 9 1897*

Machine. Reel.

Turns *524* Cor. + *45* Depth *524*Shot or lead *36 lbs*Bottom *gn M*Bottom temperature *39.5°*No. of thermometer *98242* Cor.

Corrected temperature

Air *64°* Surface *61°* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>47.00</i>	<i>3, 50.30</i>	0		
<i>48.30</i>	<i>49.00</i>	100		
	<i>48.00</i>	200		
	<i>47.00</i>	300		
	<i>46.00</i>	400		
	<i>45.00</i>	500		
	<i>3, 45.30</i>	600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

4310	205	2500	
474	160	2600	
3331	45	2700	
06	474	2800	
513	530	2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr. 4336*, Date *10/1/01*
 Machine. Reel.
 Turns *474* Cor. + *44* Depth *518*
 Shot or lead *36*
 Bottom *fm. M.*
 Bottom temperature
 No. of thermometer — Cor.
 Corrected temperature
 Air *57* Surface *57* Drift) *(S 2 1/2 E 1 1/2 10')*
 Trawl on dredge *Q. T. S.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9.19.20</i>	<i>9.24.00</i>	0	<i>9.25.00</i>	<i>9.25.00</i>
<i>20.10</i>	<i>20.10</i>	100		<i>45.00</i>
<i>21.00</i>	<i>21.10</i>	200	<i>32.00</i>	<i>32.00</i>
<i>22.00</i>	<i>22.00</i>	300	<i>34.00</i>	
<i>23.00</i>	<i>23.00</i>	400	<i>36.00</i>	
<i>9.25.00</i>	<i>9.25.00</i>	<i>474</i>	<i>38.00</i>	
		500	<i>40.00</i>	
		600	<i>42.00</i>	
		700	<i>44.00</i>	<i>10.00</i>
		800	<i>46.00</i>	<i>27.00</i>
		900		
<i>10.00.00</i>	<i>10.00.00</i>	1000		
<i>26.00</i>		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
<i>10.24.00</i>	<i>10.30.00</i>	1700		
<i>Let down to 150 fms.</i>		1800		
<i>hauled up 50 fms.</i>		1900		
		2000		
<i>Messing's struck in</i>		2100		
		2200		
		2300		
		2400		

Pt Loma Light, N 38° 30' E, 14 ⁸/₁₀'.

4310	205	2500	
474	161	2600	
3836	44	2700	
OK	474	2800	
MCB	578	2900	
		3000	
Overcast, hazy, cool.		3100	
Gentle breeze from S by W		3200	
Bar. 30.02		3300	
Therm. at 60		3400	
Gentle swell.		3500	
Number of Sargassos		3600	
		3700	
		3800	
	474	3900	
	411	4000	

51.8

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *E. 4336*. Date *10 Mar. 04**Sigsbee* Machine. Reel.Turns *518* Cor. + *47* Depth *565* fms.Shot or lead *36 lb*Bottom *gn. M.*Bottom temperature *39.0*No. of thermometer *98242* Cor.

Corrected temperature

Air *60* Surface *59* Drift~~Trawl or dredge~~*Wm* SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>10. 20.20</i>	<i>10.33.30</i>	0		
<i>21.05</i>	<i>32.25</i>	100		
<i>22.00</i>	<i>31.25</i>	200		
<i>22.55</i>	<i>30.25</i>	300		
<i>23.50</i>	<i>29.20</i>	400		
<i>24.50</i>	<i>28.20</i>	500		
<i>10. 25.00</i>	<i>10.28.00</i>	<i>518</i> 600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

4310	205
518	158
<hr/>	
3792	47
OK	518
	<hr/>
	565

565

518
 47

 565

75

9.0

100

up to 325 + 10%

350 + 34

375 + 36

400 + 38

425 + 41

450 + 42

500 + 46